

TABLE 2.—Data furnished by the Canadian Meteorological Service, June, 1932

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						Precipitation		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Depart- ure from normal	Mean max. + mean min. ÷ 2	Depart- ure from normal	Mean maxi- mum	Mean mini- mum	Highest	Lowest	Total	Depart- ure from normal	Total snowfall
	Feet	Inches	Inches	Inches	°F.	°F.	°F.	°F.	°F.	°F.	Inches	Inches	Inches
Cape Race, N. F.	99				45.1		52.7	37.5	75	29	2.01		0.0
Sydney, C. B. I.	48												
Halifax, N. S.	88												
Yarmouth, N. S.	65												
Charlottetown, P. E. I.	38												
Chatham, N. B.	28												
Father Point, Que.	20	29.75	29.77	-.10	53.0	0.0	61.0	45.0	75	34	2.56	-0.42	0.0
Quebec, Que.	296	29.50	29.81	-.11	61.8	+0.6	72.4	51.2	86	37	2.32	-0.83	0.0
Doucet, Que.	1,236				55.4		70.7	40.2	87	21	4.89		0.0
Montreal, Que.	187	29.62	29.82	-.12	65.6	+0.7	74.8	56.3	87	43	5.53	+2.00	0.0
Ottawa, Ont.	236	29.58	29.84	-.10	65.3	0.0	76.4	54.1	87	41	2.43	-0.49	0.0
Kingston, Ont.	285	29.58	29.89	-.08	64.3	+0.9	71.2	57.4	85	39	1.93	-0.50	0.0
Toronto, Ont.	379	29.50	29.89	-.08	66.4	+3.0	75.7	57.0	83	43	1.00	-1.80	0.0
Cochrane, Ont.	930				59.8		73.0	46.7	88	31	1.74		T. 0.0
White River, Ont.	1,244	29.58	29.87	-.07	58.5	-0.2	75.5	41.5	88	28	1.12	-1.10	0.0
London, Ont.	808				63.6		73.9	53.3	84	35	0.90		0.0
Southampton, Ont.	656	29.20	29.91	-.06	61.6	+1.2	70.2	52.9	82	35	1.65	-0.70	0.0
Parry Sound, Ont.	688	29.22	29.90	-.06	63.4	+1.7	73.4	53.3	87	41	3.00	+0.58	0.0
Port Arthur, Ont.	644	29.20	29.91	-.03	60.0	+3.6	69.0	51.1	80	41	2.82	+0.09	0.0
Winnipeg, Man.	760	29.06	29.87	-.02	67.9	+5.7	79.1	56.7	91	42	2.91	-0.38	0.0
Minnedosa, Man.	1,690	28.06	29.84	-.05	64.2	+4.6	74.4	54.1	85	45	5.32	+2.32	0.0
Le Pas, Man.	860				64.3		75.1	53.6	86	45	3.89		0.0
Qu'Appelle, Sask.	2,115	27.60	29.81	-.06	61.9	+2.0	73.1	50.6	84	42	4.18	+0.76	0.0
Moose Jaw, Sask.	1,759				65.2		77.6	52.7	92	45	5.73		0.0
Swift Current, Sask.	2,392	27.34	29.81	-.06	63.1	+3.1	75.0	51.1	95	40	2.62	-0.05	0.0
Medicine Hat, Alb.	2,365												
Calgary, Alb.	3,540												
Banff, Alb.	4,521												
Prince Albert, Sask.	1,450	28.32	29.87	.00	62.1	+4.4	72.3	51.9	84	44	5.32	+2.81	0.0
Battleford, Sask.	1,592	28.14	29.85	-.01	60.9	+1.4	72.4	49.4	85	36	3.02	-0.29	0.0
Edmonton, Alb.	2,150												
Kamloops, B. C.	1,262												
Victoria, B. C.	230	29.78	30.03	+0.02	58.6	+2.3	67.1	50.2	88	45	0.91	-0.29	0.0
Barkerville, B. C.	4,180												
Estevan Point, B. C.	20												
Prince Rupert, B. C.	170												
Hamilton, Ber.	151	29.95	30.11	-.01	75.7	+0.7	80.3	71.2	86	65	3.17	-2.78	0.0

SEVERE LOCAL STORMS, JUNE, 1932

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Peru to Longton (near), Kans.	1	a. m.	13			Heavy hail	Crops beaten to ground; path 25 miles long.	Official, U. S. Weather Bureau.
Hoxie, Kans. (6 miles north- west).	1	4:30 p. m.	100		\$10,000	Tornado	Farm buildings demolished; path 6 miles long.	Do.
Evansville and Warsaw, Ind.	1				8,000	Wind and electri- cal.	Considerable damage, chiefly by lightning.	Do.
Sparks, Nebr.	1	p. m.	12			Rain and hail	Small grains, corn and gardens considerably damaged; path 2 miles long.	Do.
Timber Lake, S. Dak. (west of).	2	3 p. m.	12		2,000	Hail	Crops injured	Do.
Brookville, Kans. (near)	2	5:30 p. m.				2 tornadoes	Mostly over open country, few farm buildings struck.	Do.
Shenandoah, Iowa (north of).	2	do.	100		3,000	do.	Fair ground buildings, trees and wires damaged; path 2 miles long.	Do.
Carey (near), Tex.	2	7 p. m.	12			Heavy hail	75 per cent crop loss.	Do.
Norfolk, Nebr.	2	8 p. m.	13			do.	Considerable damage over small area; path 3 miles long.	Do.
Arnett, Okla. (8 miles south).	2					do.	Poultry killed, auto tops riddled, gardens ruined.	Do.
Buffalo (near), N. Y.	2				9,000	Thunderstorm	Buildings damaged by lightning.	Do.
Knox, La Salle, and Ma- coupin Counties, Ill.	2				57,500	Wind and electri- cal.	Many buildings damaged, poles blown down, barn burned, some livestock killed.	Do.
Tribune (near) Kans.	3	3:35-6 p. m.			5,000	Heavy hail	No details.	Do.
Otsego County, N. Y. (southern).	3			1		Thunderstorm	Telephone and power lines damaged; crops washed out.	Do.
Solano, Miami, and Buey- eros, N. Mex.	4	a. m.				Heavy hail	Much damage to crops and gardens.	Do.
Elkhart (near) to Big Bow (near) Kans.	4	4 p. m.	800		35,000	Tornado	Farm buildings damaged or wrecked; poultry killed; 1 person injured; path 50 miles long.	Do.
Laredo, Tex.	4	10:30 p. m.				Wind	Roofs damaged; signs blown down.	Do.
Galena, Ill.	4					Electrical	9 cows and 1 horse killed.	Do.
Buffalo, N. Y., and vicini- ty.	5				5,000	Thunderstorm	Buildings damaged by lightning.	Do.
Washington County, Okla. (northern).	5		110			Heavy hail	Considerable crop injury; minor damage to other property; path 20 miles long.	Do.
Henry County, Iowa.	6	6 p. m.	12			Wind, hail and electrical.	Oats badly damaged, other crops injured; 2 horses killed.	Do.
Mechanicville, Md.	6					Heavy hail	Much damage to crops.	Do.
Ulster County, N. Y. (southeast).	6				40,000	do.	Chief damage to fruit.	Do.
Redig, S. Dak.	7	3 p. m.	15		3,000	Hail and tornado	Chief damage to crops.	Do.
Gill to Slim Butte, S. Dak.	7	6 p. m.	880		3,600	do.	do.	Do.

¹ Miles instead of yards.

SEVERE LOCAL STORMS, JUNE, 1932—Continued

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Edgemoor, S. C.	7	6:15 p. m.	500		\$3,500	Tornado	Farm property damaged; path one-half mile long.	Official, U. S. Weather Bureau.
Louisa County, Iowa	7	3 p. m.				Rain and electrical.	Heavy damage to crops by erosion; much farm land inundated near Fredonia.	Do.
Swansea, S. C.	7	P. m.			1,000	Electrical	Residence damaged by lightning	Do.
Mills County, Iowa	8	3:10 a. m.			3,000	Tornado and hail	Buildings and crops damaged	Do.
Shawnee County, Iowa	8	11:30 a. m.	12		20,000	Heavy hail	Potato, corn, and truck crops hurt; path 2 miles long.	Do.
Jefferson County, Okla.	8	2 and 6 p. m.			8,000	do	Fruit injured; poultry killed	Do.
Hobart (near), Kans.	8	4:30 p. m.	12.5		50,000	do	Chief damage to crops; path 14 miles long.	Do.
Leavenworth County, Kans.	8	p. m.	14			do	Wheat beaten, other crops destroyed; roofs damaged; path 4 miles long.	Do.
Towner (near), Colo., to Tribune (near), Kans.	8	do	14			do	Extensive crop damage; path 9 miles long.	Do.
Logan, Ala.	8					do	Chief damage to cotton	Do.
Lake Alice, N. Mex.	9	11 a. m.	880			do	Roofs, crops, and gardens suffered	Do.
Clark County, Kans.	9	2 p. m.	13		15,000	do	Chief damage to wheat; path 15 miles long.	Do.
Fremont County, Iowa	9	2:30 p. m.			43,000	Wind, hail, and flood.	Chief damage to crops.	Do.
Rushville, Mo. (vicinity of).	9	3 p. m.				Tornado	Mostly over Missouri River and waste lands	Do.
Lakeside, Nebr. (7 miles south).	9	4 p. m.	16			do	Farm building demolished	Do.
Haven (near), Kans.	9	5:30 p. m.	2,600		1,000	Heavy hail	Wheat damaged 20 to 75 per cent; path 4 miles long.	Do.
Overbrook (near), Kans.	9	6 p. m.	2,500	do		do	Wheat and oats injured; path 2 miles long.	Do.
Wichita and Clay Counties, Tex.	9	6-6:30 p. m.			32,000	do	Buildings, planes, and crops damaged	Do.
Sligo, Strasburg, and Byers, Colo.	9	P. m.				Hail	Field crops and gardens damaged; poultry killed.	Do.
Arkansas City, Ark.	9					do	Crops considerably damaged	Do.
Cheyenne, Wyo., and vicinity.	9					Heavy hail	Chief damage to alfalfa	Do.
Williston, N. Dak.	9					Downpour	Parts of city under several feet of water; considerable damage to cellars, gardens, and roadways.	Do.
Yoakum, Tex.	10	7 a. m.	12		2,000	Wind	Buildings damaged	Do.
Colorado Springs, Colo.	10	1:40 p. m.	13	1	50,000	Tornado	About 40 homes damaged; power, light, and telephone services disrupted; trees uprooted.	Do.
Briggsdale, Colo. (12 miles northeast).	10	2 p. m.	12			Hail	Crops and gardens hurt; auto tops pierced	Do.
Oshkosh, Nebr.	10	2:30 p. m.	13			do	Crops damaged; path 15 miles long	Do.
Julesburg, Colo.	10	4:30 p. m.	12		5,000	do	Character of damage not reported	Do.
Clovis, N. Mex.	10	6:35 p. m.	100		15,000	Tornado	Buildings, warehouses, and storage tanks wrecked.	Do.
Lamesa (near), Tex.	10	7 p. m.	13			Heavy hail	35,000 acres of crops damaged	Do.
Calhoun Falls, S. C.	10	9:10 p. m.	25		500	Tornado	Outbuildings damaged; path 3 miles long	Do.
Cheyenne to Pine Bluff, Wyo.	10		13-8			Heavy hail	Wheat, rye, and alfalfa ruined; poultry killed; roofs and auto tops damaged; path 40 miles long.	Do.
Sligo, Colo. (6 miles southwest.)	10					do	Considerable crop loss	Do.
Cass County, Iowa	11	5:30 p. m.				Rain, hail, and electrical.	25 hogs drowned; truck crops damaged; 1 person injured.	Do.
Ottawa (near), Kans.	11	7-7:30 p. m.	12			Heavy hail	Growing crops damaged; path 10 miles long	Do.
Jefferson County, Okla.	11		13		5,000	2 hail storms	Considerable crop damage	Do.
Ravenna, Nebr. (4 miles north).	11					Hail	Considerable crop damage in places; path 12 miles long.	Do.
Fort Lupton, Colo. (6 miles north).	12	3 p. m.	880-1,760			do	Total loss of some crops; much replanting necessary.	Do.
Grand Island, Nebr. (south of).	12	3-4:45 p. m.			6,000	do	Crops hurt; poultry killed, windows, roofs, and auto tops damaged.	Do.
Willis, Robinson, and Everest, Kans. (vicinity of).	12	6 p. m.	12-3		25,000	Heavy hail	Severe crop damage; poultry killed; path 6 miles long.	Do.
Rooks and Ellis Counties, Kans.	12	7 p. m.	12		40,000	do	Wheat total loss in places; path 21 miles long	Do.
Clifton to Clay Center and Miltonville, Kans.	12	7:15-8:15 p. m.	120		35,000	do	50 per cent wheat and corn ruined; path 30 miles long.	Do.
Warren, Mahaska, and Decatur Counties, Iowa.	12	P. m.				Hail	Chief damage to fruit crop	Do.
Holt County, Nebr. (central).	12	do	11.5			do	Small grains and potatoes considerably damaged; path 30 miles long.	Do.
Kiowa, Pratt, and Stevens Counties, Kans.	12	do				Heavy hail	Wheat badly damaged	Do.
Clark County, Kans.	13	1 a. m.	13		10,000	do	Crops damaged; path 15 miles	Do.
Shelby County, Iowa	13	3 p. m.			7,000	Hail and flood	Chief damage to crops	Do.
Storm Lake, Iowa (1 mile south).	13	do	34		500	Tornado	Crops and fences destroyed; path 1 mile long	Do.
Doniphan County, Kans.	13	4 p. m.	1,760		25,000	Heavy hail	Chief damage to fruit and other crops between Troy and Wathena; path 9 miles long.	Do.
Strong City, Okla.	13	6 p. m.	11.5		1,000	do	Crops hurt; path 2 miles long	Do.
Vance, N. Mex.	13	7:30 p. m.				do	Crops damaged; much replanting necessary	Do.
Bean Lake, Mo.	13	8-8:30 p. m.			8,000	Tornado	Damage near De Kalb; character not reported	Do.
Fayette County, Iowa	13	P. m.	13			Wind and hail	Heavy damage to corn and small grains	Do.
Mahaska, Poweshiek, and Warren Counties, Iowa.	13					Hail	Heavy damage to crops and gardens; some poultry and small pigs killed.	Do.
Grundy County, Iowa	14	1 p. m.	12			Severe hail	Crops practically ruined	Do.
Lakeview, S. Dak. (north of).	14	4 p. m.	1,760			Hail	Crops hurt	Do.
Morrilton and Little Rock, Ark.	14					Heavy hail	Truck crops damaged; roofs pierced	Do.
Abbeville, La. (3 miles north).	14	5:40-7 p. m.	15			do	Many windows broken; cotton, corn, and truck damaged.	Do.
Springfield, Ill.	14		1,760			do	Gardens, roofs and auto tops damaged; minor damage to buildings and trees; path 5 miles long.	Do.
Cedartown, Ga., and vicinity.	15	3 p. m.	13		15,000	do	Crops severely damaged; birds and poultry killed; path 8 miles long.	Do.
Commerce (near), Ga.	15	5 p. m.	1,760			do	Heavy damage to peach orchards; path 8 miles long.	Do.
Pondera, Toole, Cascade, Lewis and Clark, and Carter Counties, Mont.	15					do	No details.	Do.

1 Miles instead of yards.

1 Blocks.

SEVERE LOCAL STORMS, JUNE, 1932—Continued

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Savannah, Ga.	15					Thunderstorm and wind.	Trees, roofs, and signs damaged.	Official, U. S. Weather Bureau.
Pine Ridge, S. Dak.	16	6 p. m.	70		\$50,000	Tornado.	Indian school and agency buildings and many residences damaged.	Do.
Huxford to Escambia, Ala.	16			2		Hail.	Crops considerably damaged.	Do.
Lake Hamilton, Ohio.	16					Electrical.	15 shocked or injured.	Do.
Eastern Montana.	16					Heavy hail.	No details.	Do.
Nemaha and Brown Counties, Kans.	17	6-6.30 p. m.	880		25,000	Tornado and hail.	Chief damage to farm property; path 18 miles long.	Do.
Jessup, Iowa (2 miles west).	17	7 p. m.	230		9,000	do.	Crops, buildings, and fences damaged; path 9 miles long.	Do.
Winterset, Iowa.	17	7.30 p. m.			75	Tornado.	House and several trees damaged.	Do.
Fennimore (near), Wis.	17	8-9 p. m.			30,000	Wind.	6 barns blown down, other buildings damaged; trees uprooted; electric-light poles and wires damaged.	Do.
Liberty, Iowa (west of).	17	9 p. m.			10,800	Tornado, hail, and rain.	Barn demolished; home damaged; wire service crippled; crops hurt.	Do.
Worth County, Iowa.	17	P. m.	16		90,000	Tornado, wind, rain, and hail.	Crops and buildings damaged; path 10 miles long. Tornado near Kenset and Grafton.	Do.
Iowa.	17					Wind, hail, rain, and flood.	Considerable damage over greater part of State, chiefly to crops, wires and buildings; some livestock killed.	Do.
Kirkville, Mo.	17					Thunderstorm and squalls.	Trees, wires, poles and small buildings damaged.	Do.
Hancock and Warren Counties to De Witt and McLean Counties, Ill.	17-18		150			Wind and electrical.	Many small losses reported, such as destruction of frail buildings and trees; wires damaged; livestock killed; path 100 miles long.	Do.
Wisconsin (southwest).	17-18					Rain.	Grains lodged; soil washed.	Do.
Vinita, Okla.	18	11:30 a. m.-2:30 p. m.	16		80,000	2 hail storms.	Chief loss to crops; path 15 miles long.	Do.
Grove (near), Okla.	18	4 p. m.	12		5,100	do.	Chief damage to crops; path 3 miles long.	Do.
Pampa, Tex.	18	do.	16		50,000	do.	Crop loss 50 to 90 per cent.	Do.
Harper and Sedgwick Counties, Kans.	18	7:45-8:15 p. m.			115,000	Violent wind.	Much destruction of property in vicinity of Anthony and Wichita Airport.	Do.
Trenton, Nebr.	18	8-10 p. m.		1	68,000	Heavy rain.	Basements flooded, merchandise ruined; lawns and gardens covered with mud; crops washed out; railroad track undermined; area 24 square miles.	Do.
Greybull (near), Wyo.	18					Heavy rain and wind.	Stretch of railroad washed out; bridge wrecked; trees uprooted.	Do.
Oregon, Mo.	18					Thunder squalls.	Trees, wires, poles, and outbuildings damaged.	Do.
Scott County, Kans.	18	P. m.	124		75,000	Heavy hail.	Chief damage to wheat; path 30 miles long.	Do.
Overbrook, Kans. (7 miles southwest).	19	4:20 p. m.	300		100	Tornado.	Few farm buildings damaged.	Do.
Alva (near), Okla.	19	6 p. m.	1,760		30,000	Hail.	Crops damaged; path 12 miles long.	Do.
Cherokee (near), Okla.	19	8 p. m.	15		16,000	do.	Chief damage to crops; path 3 miles long.	Do.
Independence (near), Kans.	19	11:45 p. m.			1,500	Tornado.	Baseball park and small buildings struck; path 1 mile long.	Do.
Fulton, Ill.	19				5,000	Thunder squalls.	Trees, wires, poles, and outbuildings damaged.	Do.
Jacksonville (near), Ill.	19					Electrical.	3 barns burned.	Do.
Calhan, Colo. (southwest of).	20	1 p. m.	15			Hail.	Severe damage to crops, much replanting necessary.	Do.
Peyton, Colo., and vicinity.	20	1:30-2:30 p. m.				do.	Several houses damaged; stock and crops injured.	Do.
Woodward County, Okla. (western).	20	2-4 p. m.	17		80,000	do.	Extensive crop damage; path 30 miles long.	Do.
Field, N. Mex.	20		12		10,000	do.	Heavy crop loss; roofs and windows damaged.	Do.
Kingsport, Tenn., and vicinity.	20				2,000	do.	Truck gardens hurt.	Do.
Mountain Park, N. Mex.	21	9 p. m.	12		3,000	do.	Approximately 10 cars of apples destroyed.	Do.
Johnstown (near), Pa.	21			2		Thunderstorm, rain, and hail.	Fields damaged by washing.	Do.
Morley, N. Y.	21					Severe thunderstorm.	3 barns, 2 silos, farm implements, and 2 cows burned.	Do.
West Shelby, N. Y.	21				5,000	do.	House burned.	Do.
Southington (near), Conn.	22	A. m.			5,000	do.	Barn burned.	Do.
Clayton County, Iowa.	22					Rain and wind.	Buildings damaged; fields flooded.	Do.
Harrison and Pottawattamie Counties, Iowa.	23					Wind and hail.	Grains and buildings damaged; livestock injured.	Do.
New Haven, Conn., and vicinity.	23					Wind.	Much damage to trees and shrubbery; light and telephone service crippled.	Do.
Clayton, Mills, and Pottawattamie Counties, Iowa.	24	P. m.				Rain and flood.	Crops, bridges, and roadbeds damaged.	Do.
Boone and Hancock Counties, Iowa.	24					Wind.	Small building overturned; wheat and oats beaten to ground.	Do.
Stuttgart (near), Ark.	24				1,700	Electrical.	Barn and contents destroyed.	Do.
Battle Ground Springs (near), Colo.	25	11:30 a. m.		1		do.	Livestock killed by lightning.	Do.
Shreveport, La.	25	3:30 p. m.	17-33		1,000	Tornado.	Damage chiefly to roofs; cottage moved from foundation; path 2 miles long.	Do.
Eastern Montana.	25					Destructive hail.	No details.	Do.
Sheridan County, Wyo.	25					Hail and wind.	Considerable damage to crops.	Do.
Wagner (near) to Springfield, S. Dak.	25					Hail.	Severe damage to growing crops; path 5 miles long.	Do.
Coldwater, Mich.	26					Tornado.	No damage.	Do.
Richmond, Va.	26					Thunderstorm.	Church damaged; 200 phones put out of commission.	Do.
Ocate, N. Mex.	27	2 p. m.	1,760			Heavy hail.	Crops and gardens damaged.	Do.
Parkersburg, W. Va.	27					Wind.	Many trees blown down; wire services crippled; 3 roofs torn off; front of building torn out.	Do.
Castle Rock, Colo. (4 miles south).	28	A. m.		3	50,000	Heavy rain.	Bridge washed out; freight train wrecked; many persons injured.	Do.
Rush (near), Colo.	29	4 p. m.	12			Hail and wind.	Crop loss 25 per cent; path 4 miles long.	Do.
Clayton County, Iowa.	29	7 p. m.				Tornado.	Barn and house damaged; 2 mules killed.	Do.
Montgomery County, Iowa.	30	5 p. m.			3,000	Wind.	Buildings and crops damaged.	Do.
Bluffton (near), S. C.	30	P. m.		3		Electrical.	No details.	Do.
Harrison, Humboldt and Mills Counties, Iowa.	30	do.			32,500	Hail.	Crops damaged.	Do.
Pocahontas and Pottawattamie Counties, Iowa.	30	do.			17,000	Wind and hail.	Crops, buildings and auto tops damaged.	Do.
Valley County, Mont.	30					Hail.	Chief damage to crops.	Do.

1 Miles instead of yards.